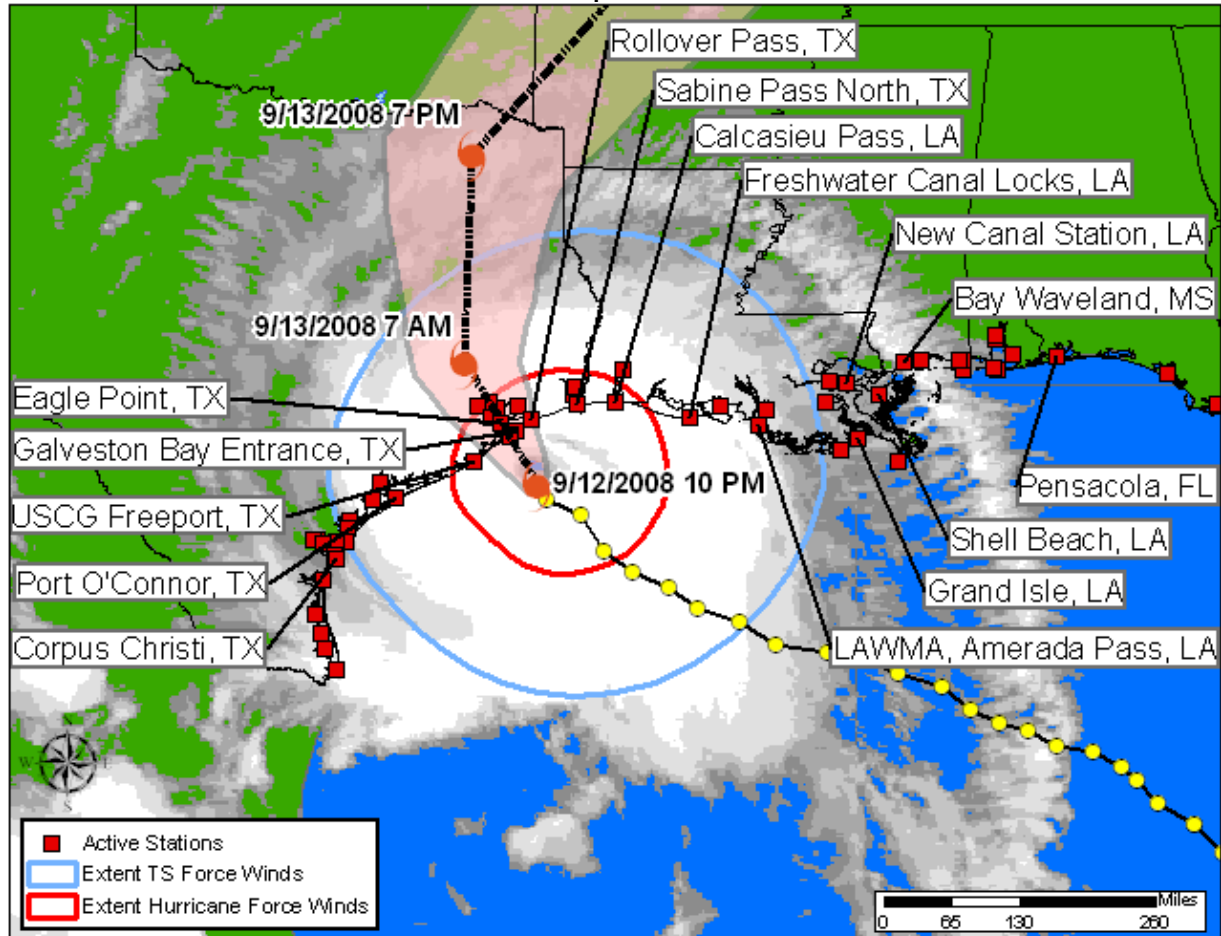


Hurricane IKE QuickLook  
Posted: 23:00 CDT 09/12/2008

**NOAA and NOAA Partnership Stations Relative to the Storm**



**Storm Analysis**

NHC has forecast that landfall will occur early Saturday morning, which may coincide with rising or near predicted high tides from western Louisiana to southern Texas, potentially resulting in higher storm tide levels. See below for predicted tides at highlighted stations.

As of 09/12/2008 23:00 CDT, water levels are elevated from Mississippi to southern Texas, and range from 3 to over 9 feet above predicted. The highest water levels are still rising from Calcasieu Pass, LA westward to Galveston Bay, TX, including bays and inland waterways. Barometric pressure continues to fall and winds are increasing, with gusts ranging from 30 to near 70 knots. Eastward of Freshwater Canal, LA, to Mississippi, barometric pressure is rising and winds are around 30 knots. Water levels along the Florida panhandle are still elevated over 2 feet above predicted.

Water Level and Meteorological plots available below are updated automatically. Water level predictions relative to Mean Lower Low Water are:

Galveston Bay Entrance, TX: Next predicted high tide is 2.25 ft (0.69 m) at 09/13/2008 03:30 CDT.

Eagle Point, TX: Next predicted high tide is 1.35 ft (0.41 m) at 09/13/2008 08:48 CDT.

Rollerover Pass, TX: Next predicted high tide is 1.35 ft (0.41 m) at 09/13/2008 07:48 CDT.

Sabine Pass North, TX: Next predicted high tide is 1.78 ft (0.54 m) at 09/13/2008 03:42 CDT.

Calcasieu Pass, LA: Next predicted high tide is 2.04 ft (0.73 m) at 09/13/2008 03:30 CDT.

Freshwater Canal Locks, LA: Next predicted high tide is 1.83 ft (0.56 m) at 09/13/2008 03:12 CDT.

LAWMA, Amerada Pass, LA: Next predicted high tide is 1.52 ft (0.46 m) at 09/13/2008 04:18 CDT.

Grand Isle, LA: Next predicted high tide is 1.31 ft (0.40 m) at 09/13/2008 09:13 CDT.

New Canal Station, LA: Next predicted high tide is 0.37 ft (0.11 m) at 09/13/2008 19:09 CDT.

Shell Beach, LA: Next predicted high tide is 1.29 ft (0.39 m) at 09/13/2008 13:15 CDT.

Bay Waveland Yacht Club, MS: Next predicted high tide is 1.81 ft (0.55 m) at 09/13/2008 11:36 CDT.

USCG Freeport, TX: Next predicted high tide is 1.84 ft (0.56 m) at 09/13/2008 03:00 CDT.

Port O'Connor, TX: Next predicted high tide is 1.02 ft (0.31 m) at 09/13/2008 08:18 CDT.

Corpus Christi, TX: Next predicted high tide is 1.76 ft (0.53 m) at 09/13/2008 03:38 CDT.

Pensacola, FL: Next predicted high tide is 1.58 ft (0.48 m) at 09/13/2008 10:12 CDT.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst: CM

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SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:

HURRICANE IKE ADVISORY NUMBER 48

1000 PM CDT FRI SEP 12 2008

...LARGE HURRICANE IKE CONTINUES ITS TREK TOWARD GALVESTON ISLAND AND THE

**UPPER TEXAS COAST...**

**...HURRICANE FORCE WIND GUSTS OCCURRING ON GALVESTON ISLAND...**

**A HURRICANE WARNING REMAINS IN EFFECT FROM MORGAN CITY LOUISIANA TO NORTH OF PORT ARANSAS TEXAS. HURRICANE CONDITIONS ARE EXPECTED TO REACH THE COAST IN THE WARNING AREA LATER TODAY.**

**A TROPICAL STORM WARNING REMAINS IN EFFECT FROM PORT ARANSAS TO PORT MANSFIELD TEXAS. A TROPICAL STORM WARNING IS ALSO IN EFFECT FROM EAST OF MORGAN CITY TO THE MISSISSIPPI-ALABAMA BORDER INCLUDING THE CITY OF NEW ORLEANS AND LAKE PONTCHARTRAIN.**

**AT 1000 PM CDT THE CENTER OF HURRICANE IKE WAS LOCATED NEAR LATITUDE 28.6 NORTH, LONGITUDE 94.4 WEST OR ABOUT 55 MILES SOUTH-SOUTHEAST OF GALVESTON TEXAS AND ABOUT 95 MILES SOUTH-SOUTHWEST OF PORT ARTHUR TEXAS.**

**IKE IS MOVING TOWARD THE NORTHWEST NEAR 12 MPH. A NORTHWEST TO NORTH-NORTHWESTWARD MOTION IS FORECAST TO CONTINUE TONIGHT AND SATURDAY MORNING WITH A TURN TOWARD THE NORTH EXPECTED SATURDAY AFTERNOON. ON THE FORECAST TRACK THE CENTER OF IKE WILL BE VERY NEAR GALVESTON ISLAND AND THE UPPER TEXAS COAST BY EARLY SATURDAY MORNING.**

**DATA FROM NOAA DOPPLER WEATHER RADARS AND RECONNAISSANCE AIRCRAFT INDICATE MAXIMUM SUSTAINED WINDS ARE NEAR 110 MPH WITH HIGHER GUSTS. IKE IS A STRONG CATEGORY TWO HURRICANE ON THE SAFFIR-SIMPSON SCALE AND COULD REACH THE TEXAS COAST AS A CATEGORY THREE MAJOR HURRICANE JUST BEFORE LANDFALL. STRONGER WINDS AS MUCH AS 30 MPH HIGHER THAN AT THE SURFACE COULD OCCUR ON HIGH RISE BUILDINGS.**

**IKE REMAINS A VERY LARGE HURRICANE AND HURRICANE FORCE WINDS EXTEND OUTWARD UP TO 120 MILES FROM THE CENTER AND TROPICAL STORM FORCE WINDS EXTEND OUTWARD UP TO 275 MILES. DURING THE PAST HOUR HURRICANE FORCE WIND GUSTS HAVE BEEN REPORTED ON GALVESTON ISLAND AND REPORTS FROM NOAA AND AIR FORCE RECONNAISSANCE AIRCRAFT INDICATE SUSTAINED HURRICANE FORCE WINDS ARE JUST OFFSHORE GALVESTON ISLAND.**

**THE MINIMUM CENTRAL PRESSURE RECENTLY REPORTED BY AN AIR FORCE RESERVE UNIT RECONNAISSANCE AIRCRAFT WAS 952 MB.**

**COASTAL STORM SURGE FLOODING OF UP TO 20 FEET WITH NEAR 25 FEET IN SOME AREAS ABOVE NORMAL TIDES ALONG WITH LARGE AND DANGEROUS BATTERING WAVES CAN BE EXPECTED NEAR AND TO THE EAST OF WHERE THE CENTER OF IKE MAKES LANDFALL. THE SURGE EXTENDS A GREATER THAN USUAL DISTANCE FROM THE CENTER DUE TO THE LARGE SIZE OF THE CYCLONE. WATER LEVELS HAVE ALREADY INCREASED TO 9 TO 12 FEET ABOVE NORMAL ALONG MUCH OF THE NORTHWESTERN GULF COAST.**

**DO NOT VENTURE OUTSIDE IN THE EYE. THE STRONGEST WINDS AND HIGHEST SURGE WILL LIKELY OCCUR NEAR OR JUST AFTER THE EYE MAKES LANDFALL.**

**IKE IS EXPECTED TO PRODUCE RAINFALL AMOUNTS OF 5 TO 10 INCHES OVER EASTERN TEXAS AND EXTREME SOUTHWESTERN LOUISIANA WITH ISOLATED AMOUNTS OF 15 INCHES POSSIBLE.**

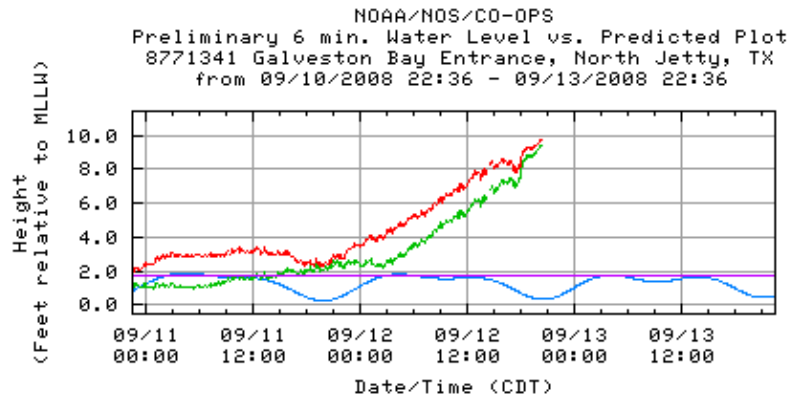
**ISOLATED TORNADOES ARE POSSIBLE TONIGHT AND SATURDAY OVER PORTIONS OF EASTERN AND SOUTHEASTERN TEXAS AND SOUTHERN AND WESTERN LOUISIANA.**

**FORECASTER STEWART/READ**

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Galveston Bay Entrance, North Jetty - Water Level](#), [Galveston Bay Entrance, North Jetty - Winds](#), [Galveston Bay Entrance, North Jetty - Barometric](#), [Eagle Point - Water Level](#), [Eagle Point - Winds](#), [Eagle Point - Barometric](#), [Rollover Pass - Water Level](#), [Rollover Pass - Winds](#), [Sabine Pass North - Water Level](#), [Sabine Pass North - Winds](#), [Sabine Pass North - Barometric](#), [Calcasieu Pass - Water Level](#), [Calcasieu Pass - Winds](#), [Calcasieu Pass - Barometric](#), [Freshwater Canal Locks - Water Level](#), [LAWMA, Amerada Pass - Water Level](#), [LAWMA, Amerada Pass - Winds](#), [LAWMA, Amerada Pass - Barometric](#), [Grand Isle - Water Level](#), [Grand Isle - Winds](#), [Grand Isle - Barometric](#), [New Canal Station - Water Level](#), [New Canal Station - Winds](#), [New Canal Station - Barometric](#), [Shell Beach - Water Level](#), [Shell Beach - Winds](#), [Shell Beach - Barometric](#), [Bay Waveland Yacht Club - Water Level](#), [Bay Waveland Yacht Club - Winds](#), [Bay Waveland Yacht Club - Barometric](#), [USCG Freeport - Water Level](#), [USCG Freeport - Winds](#), [USCG Freeport - Barometric](#), [Corpus Christi - Water Level](#), [Corpus Christi - Winds](#), [Corpus Christi - Barometric](#), [Pensacola - Water Level](#).

**Galveston Bay Entrance, North Jetty, TX - Station Map** [Return to List](#)

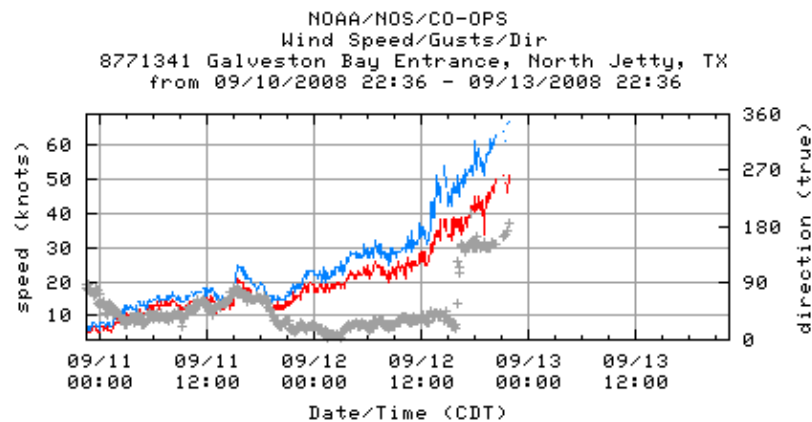


Last Observed Sample: 09/12/2008 20:24 (CDT)

Relative to **MLLW**: **Observed: 9.72 ft.** **Predicted: 0.33 ft.** **Residual: 9.39 ft.**

Historical Maximum Water Level: n/a

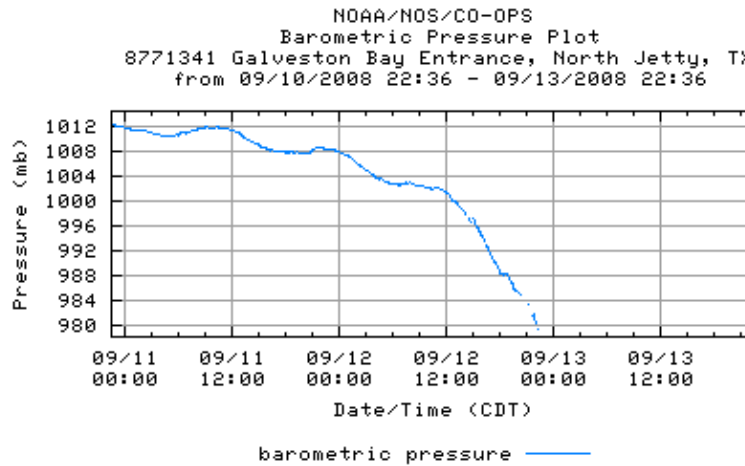
**Galveston Bay Entrance, North Jetty, TX - Station Map** [Return to List](#)



Last Observed Sample: 09/12/2008 21:54 (CDT)

**Wind Speed: 51 knots** **Gusts: 67 knots** **Direction: 185° T**

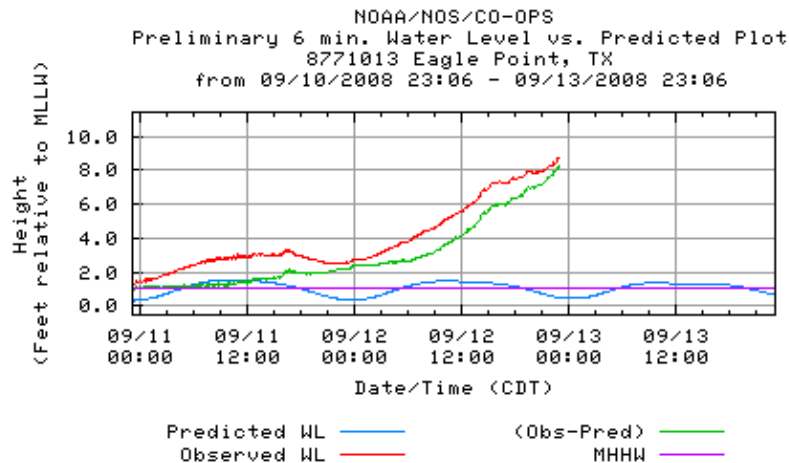
**Galveston Bay Entrance, North Jetty, TX - Station Map** [Return to List](#)



Last Observed Sample: 09/12/2008 22:18 (CDT)

Barometric Pressure: 979.5 mb

**Eagle Point, TX - Station Map** [Return to List](#)

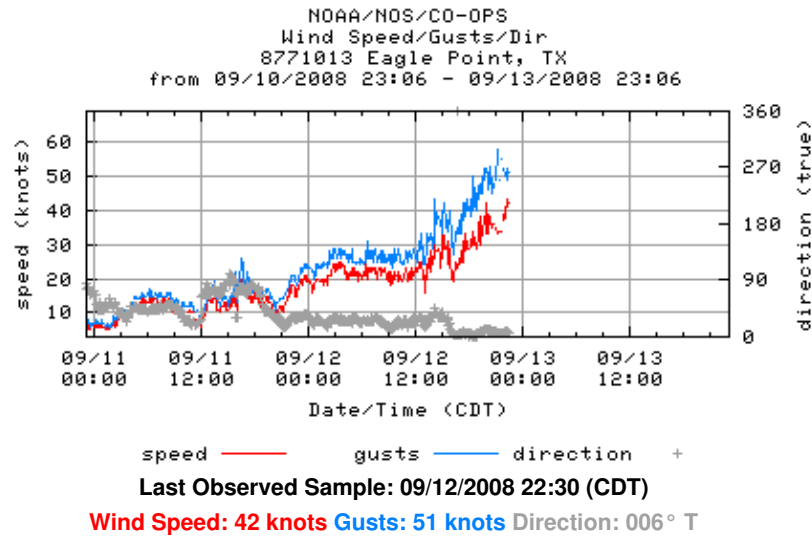


Last Observed Sample: 09/12/2008 22:54 (CDT)

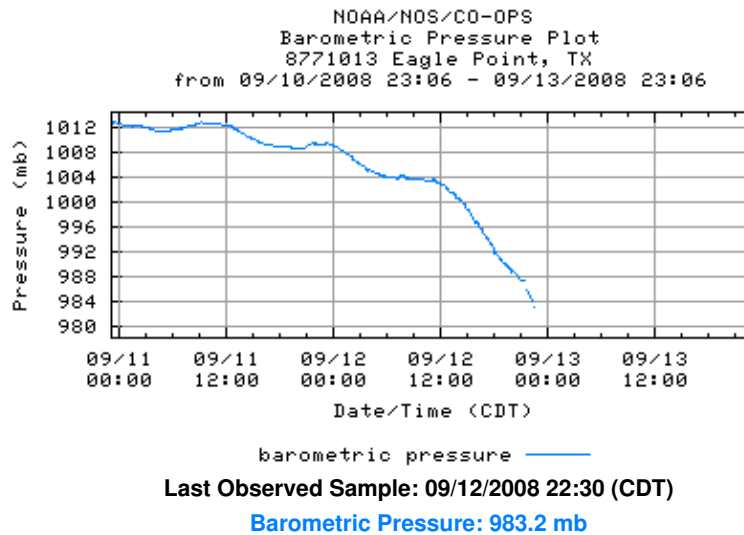
Relative to **MLLW**: Observed: 8.72 ft. Predicted: 0.49 ft. Residual: 8.23 ft.

Historical Maximum Water Level: 09/10/1998, 3.58 ft. above **MHHW**

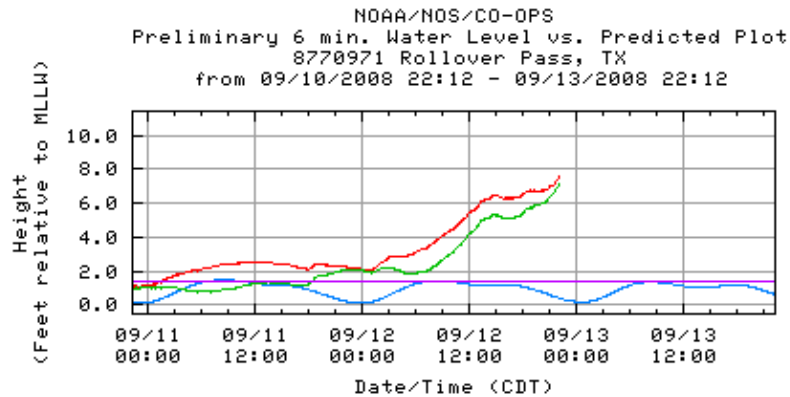
**Eagle Point, TX - Station Map** [Return to List](#)



**Eagle Point, TX - Station Map** [Return to List](#)



**Rollover Pass, TX - Station Map** [Return to List](#)

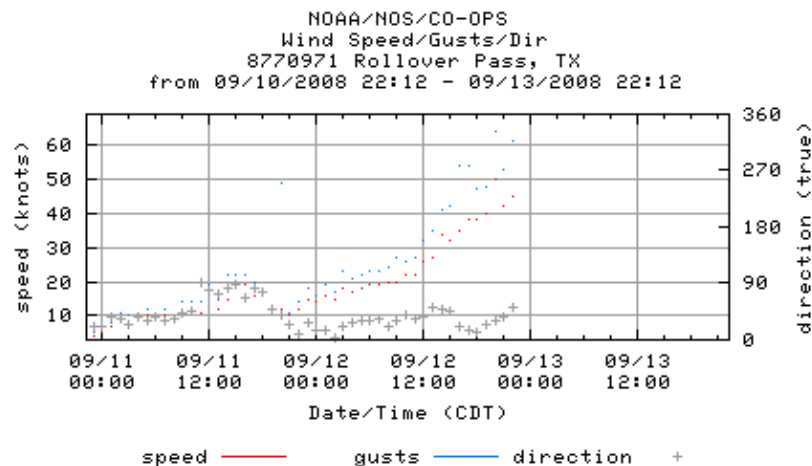


Last Observed Sample: 09/12/2008 22:00 (CDT)

Relative to **MLLW**: **Observed: 7.56 ft. Predicted: 0.40 ft. Residual: 7.16 ft.**

Historical Maximum Water Level: n/a

**Rollover Pass, TX - Station Map** [Return to List](#)

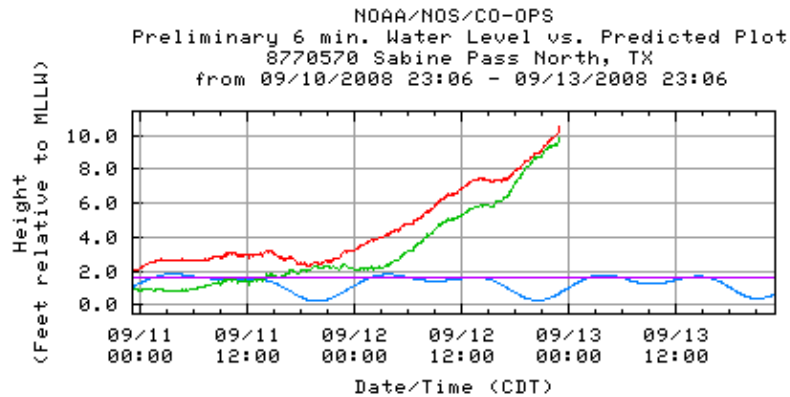


Last Observed Sample: 09/12/2008 22:00 (CDT)

**Wind Speed: 45 knots Gusts: 61 knots Direction: 051° T**



**Sabine Pass North, TX - Station Map** [Return to List](#)

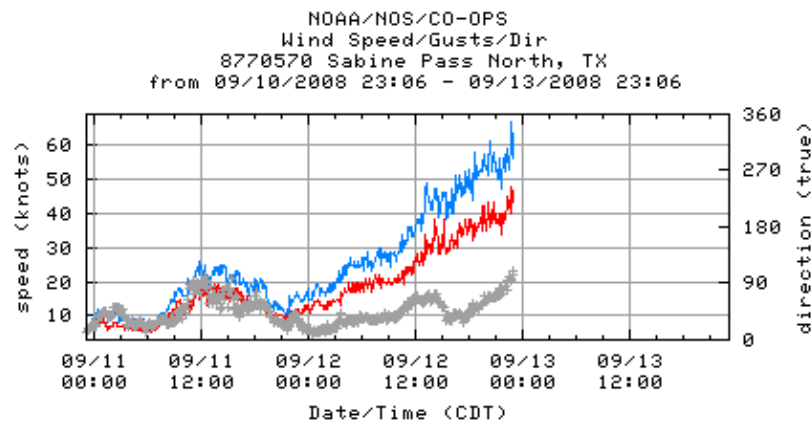


Last Observed Sample: 09/12/2008 22:54 (CDT)

Relative to **MLLW**: **Observed: 10.51 ft.** **Predicted: 0.68 ft.** **Residual: 9.83 ft.**

Historical Maximum Water Level: 09/11/1998, 3.32 ft. above **MHHW**

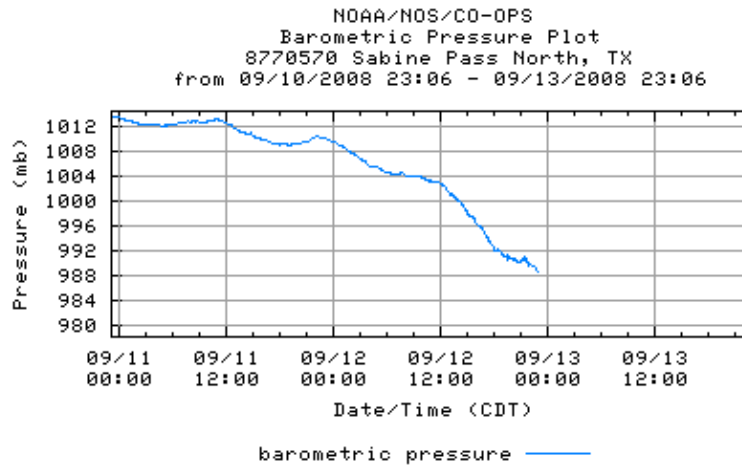
**Sabine Pass North, TX - Station Map** [Return to List](#)



Last Observed Sample: 09/12/2008 22:54 (CDT)

**Wind Speed: 43 knots** **Gusts: 56 knots** **Direction: 109° T**

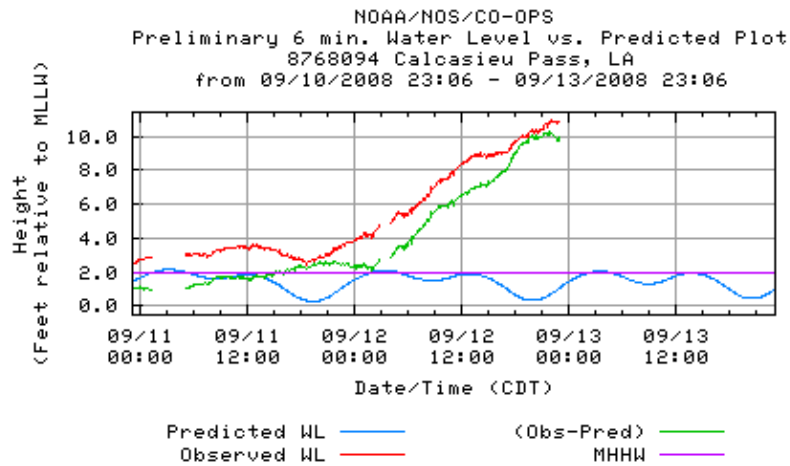
**Sabine Pass North, TX - Station Map** [Return to List](#)



Last Observed Sample: 09/12/2008 22:54 (CDT)

Barometric Pressure: 988.8 mb

**Calcasieu Pass, LA - Station Map** [Return to List](#)

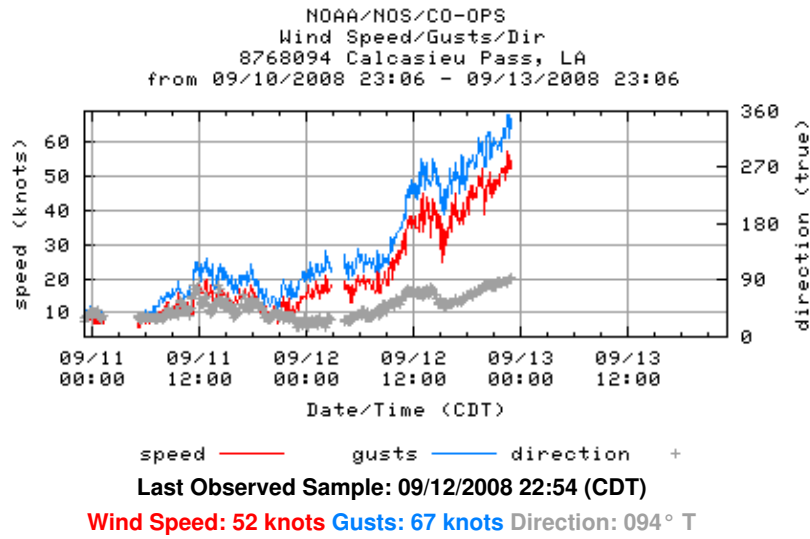


Last Observed Sample: 09/12/2008 22:54 (CDT)

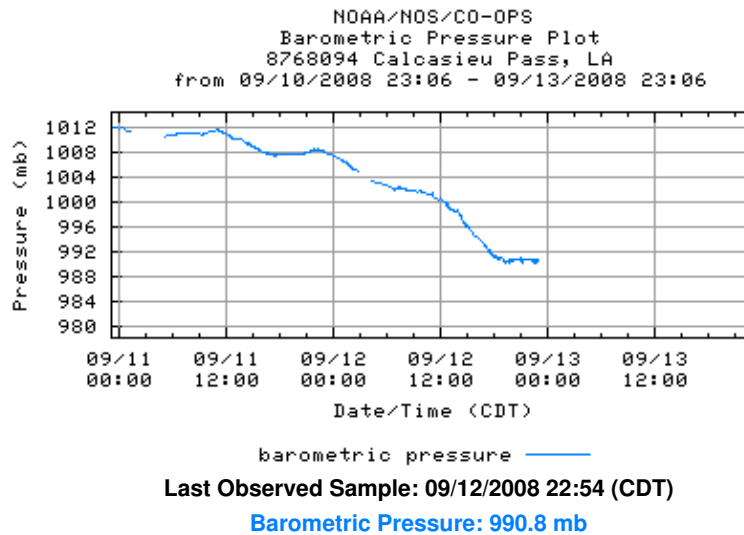
Relative to **MLLW**: Observed: 10.81 ft. Predicted: 1.04 ft. Residual: 9.77 ft.

Historical Maximum Water Level: n/a

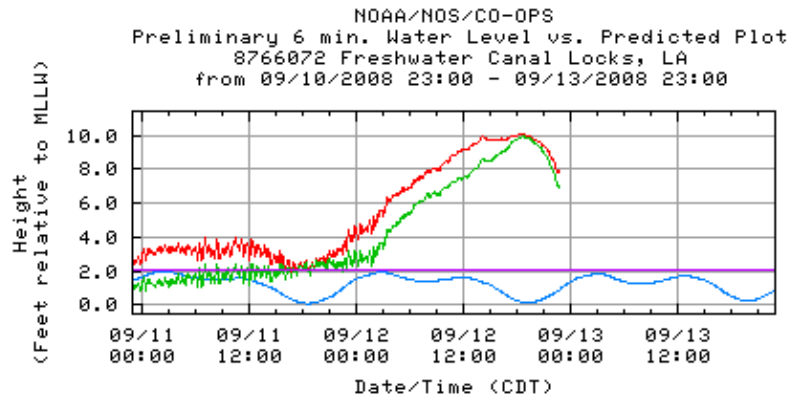
**Calcasieu Pass, LA - Station Map** [Return to List](#)



**Calcasieu Pass, LA - Station Map** [Return to List](#)



**Freshwater Canal Locks, LA - Station Map** [Return to List](#)

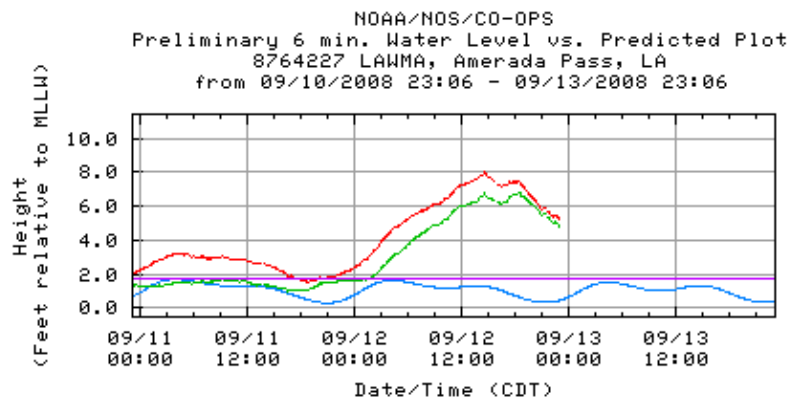


Last Observed Sample: 09/12/2008 22:48 (CDT)

Relative to **MLLW**: **Observed: 7.85 ft. Predicted: 0.88 ft. Residual: 6.97 ft.**

Historical Maximum Water Level: n/a

**LAWMA, Amerada Pass, LA - Station Map** [Return to List](#)

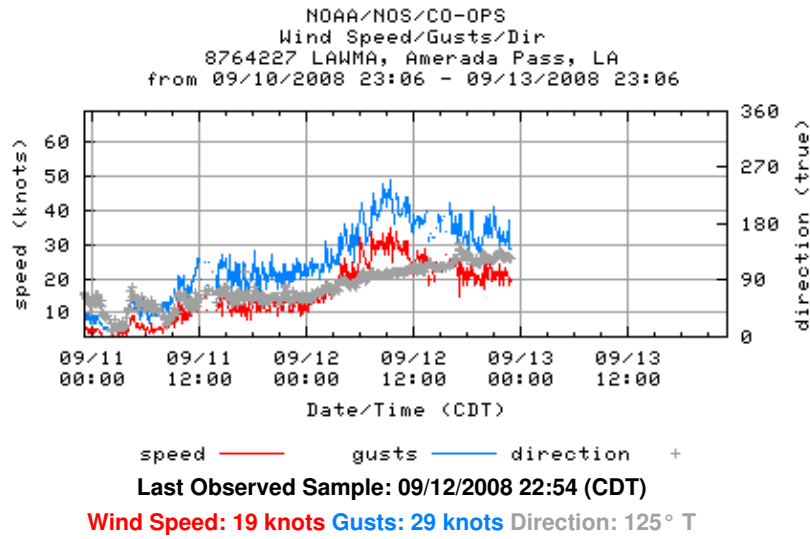


Last Observed Sample: 09/12/2008 22:54 (CDT)

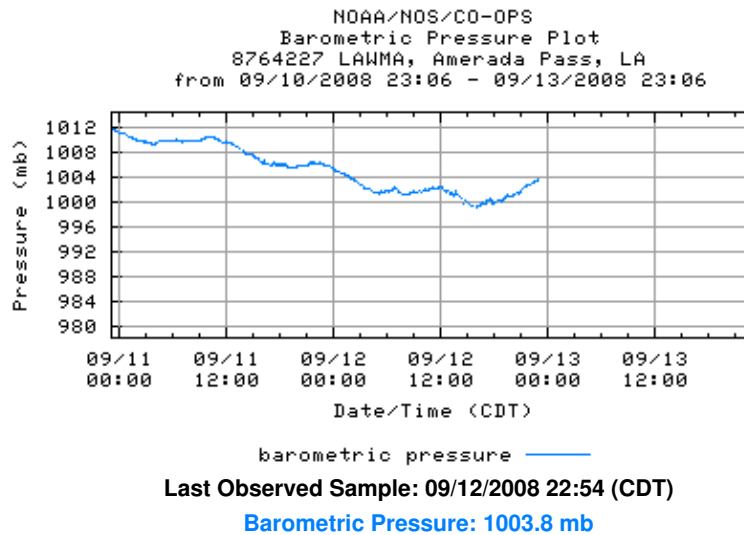
Relative to **MLLW**: **Observed: 5.24 ft. Predicted: 0.44 ft. Residual: 4.80 ft.**

Historical Maximum Water Level: n/a

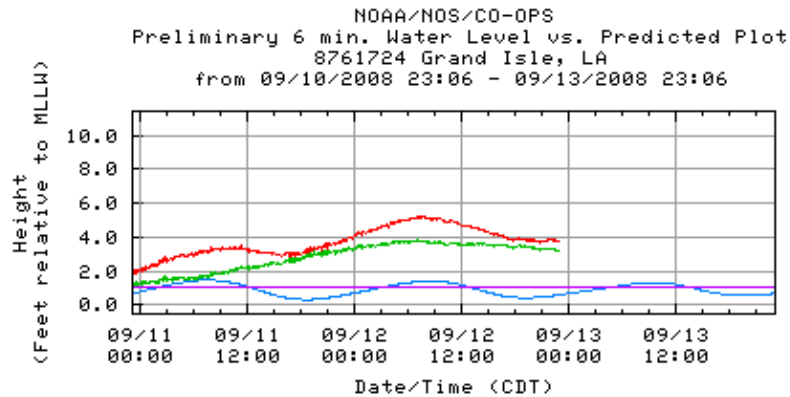
**LAWMA, Amerada Pass, LA - Station Map** [Return to List](#)



**LAWMA, Amerada Pass, LA - Station Map** [Return to List](#)



**Grand Isle, LA - Station Map** [Return to List](#)

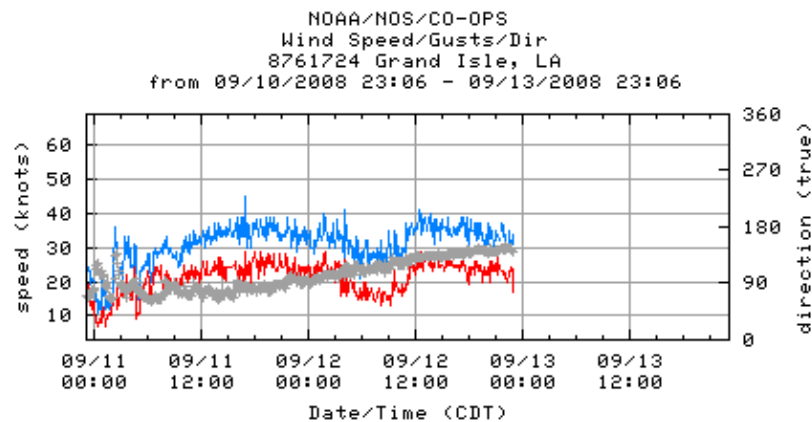


Last Observed Sample: 09/12/2008 22:54 (CDT)

Relative to **MLLW**: **Observed: 3.77 ft. Predicted: 0.60 ft. Residual: 3.17 ft.**

Historical Maximum Water Level: n/a

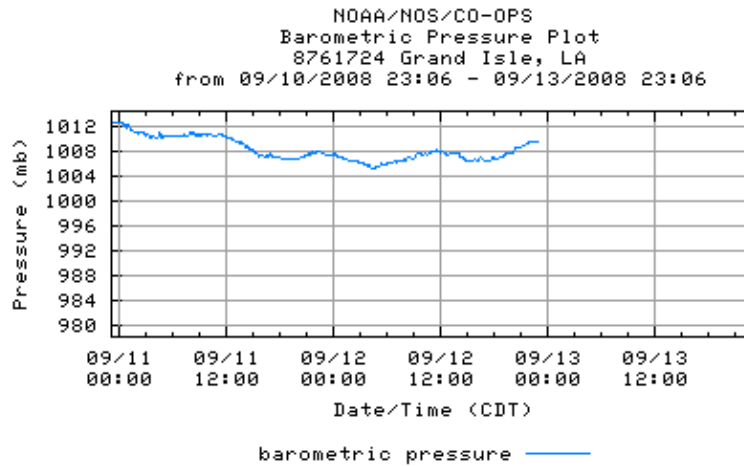
**Grand Isle, LA - Station Map** [Return to List](#)



Last Observed Sample: 09/12/2008 22:54 (CDT)

**Wind Speed: 17 knots Gusts: 34 knots Direction: 141° T**

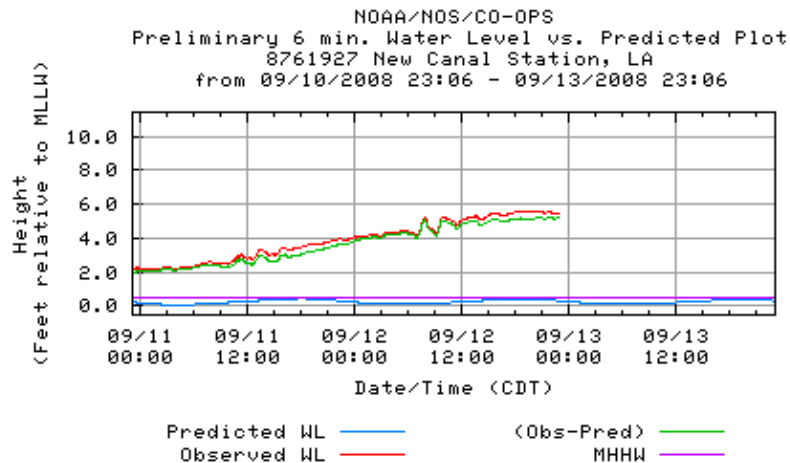
**Grand Isle, LA - Station Map** [Return to List](#)



Last Observed Sample: 09/12/2008 22:54 (CDT)

Barometric Pressure: 1009.6 mb

**New Canal Station, LA - Station Map** [Return to List](#)

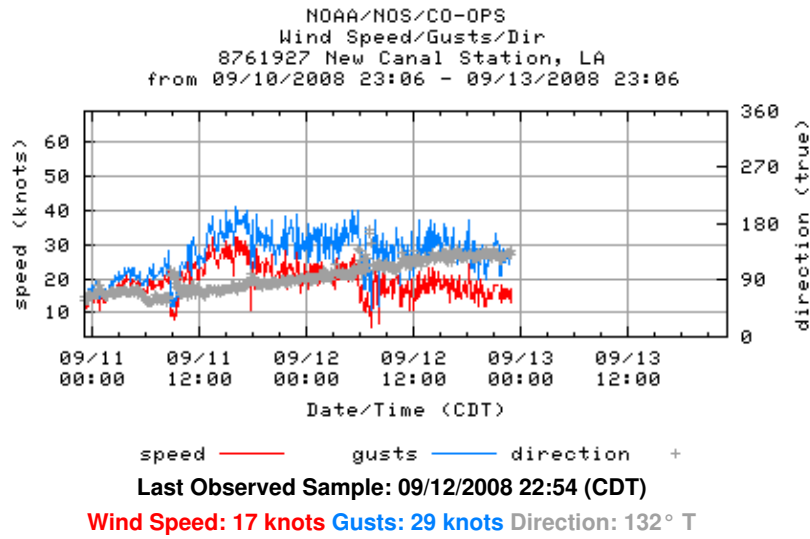


Last Observed Sample: 09/12/2008 22:54 (CDT)

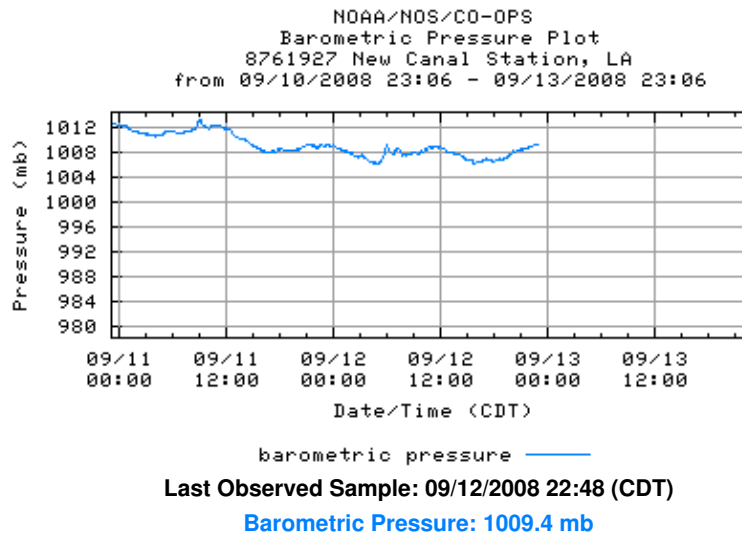
Relative to **MLLW**: **Observed: 5.48 ft. Predicted: 0.31 ft. Residual: 5.17 ft.**

Historical Maximum Water Level: 09/10/1988, 3.18 ft. above **MHHW**

**New Canal Station, LA - Station Map** [Return to List](#)

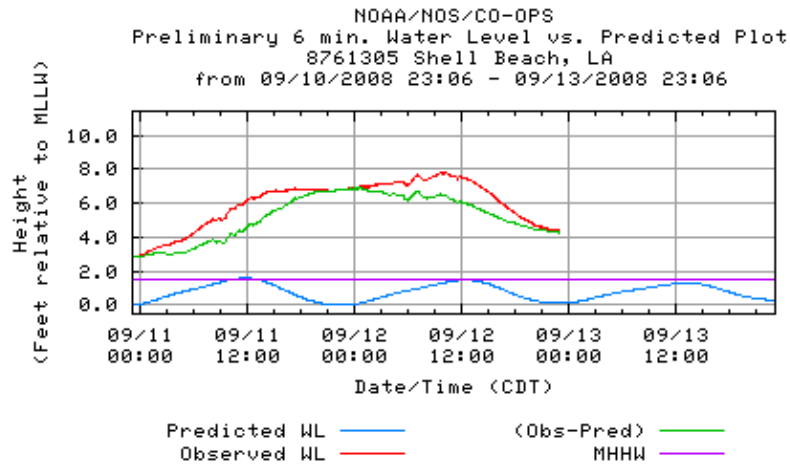


**New Canal Station, LA - Station Map** [Return to List](#)





**Shell Beach, LA - Station Map** [Return to List](#)

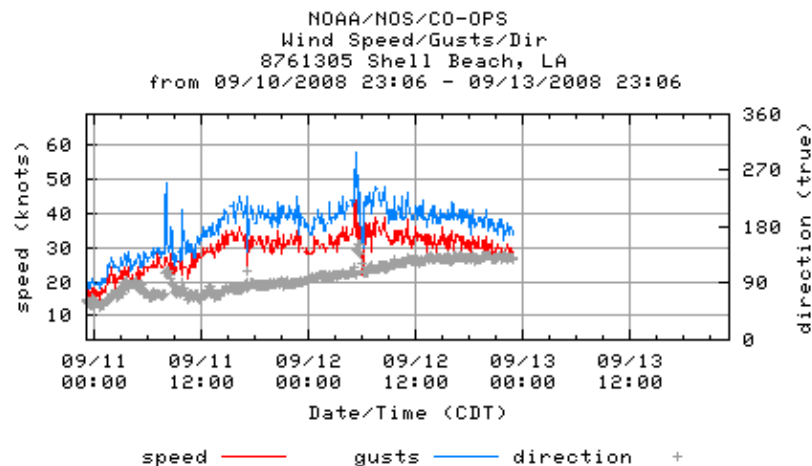


Last Observed Sample: 09/12/2008 22:54 (CDT)

Relative to **MLLW**: **Observed: 4.36 ft. Predicted: 0.10 ft. Residual: 4.26 ft.**

Historical Maximum Water Level: 01/20/1983, 5.69 ft. above **MHHW**

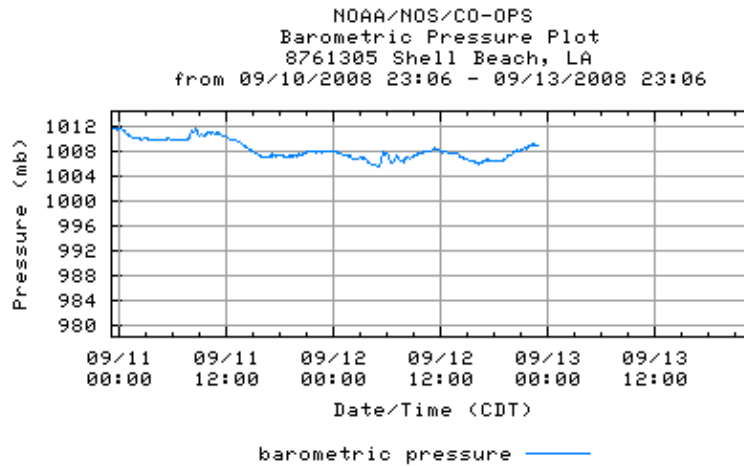
**Shell Beach, LA - Station Map** [Return to List](#)



Last Observed Sample: 09/12/2008 22:54 (CDT)

**Wind Speed: 28 knots Gusts: 34 knots Direction: 129° T**

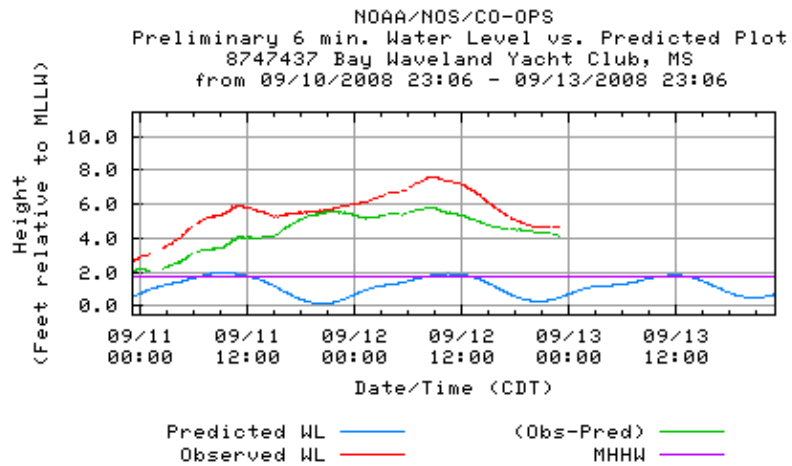
**Shell Beach, LA - Station Map** [Return to List](#)



Last Observed Sample: 09/12/2008 22:48 (CDT)

Barometric Pressure: 1009.1 mb

**Bay Waveland Yacht Club, MS - Station Map** [Return to List](#)

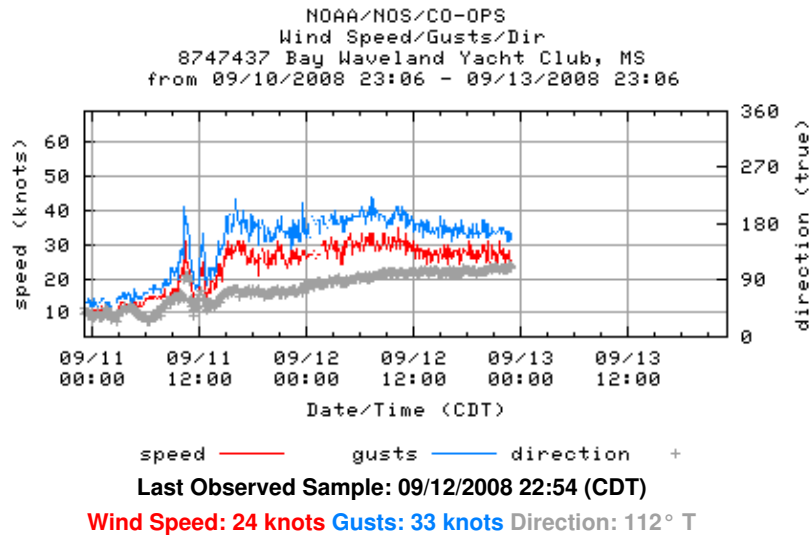


Last Observed Sample: 09/12/2008 22:54 (CDT)

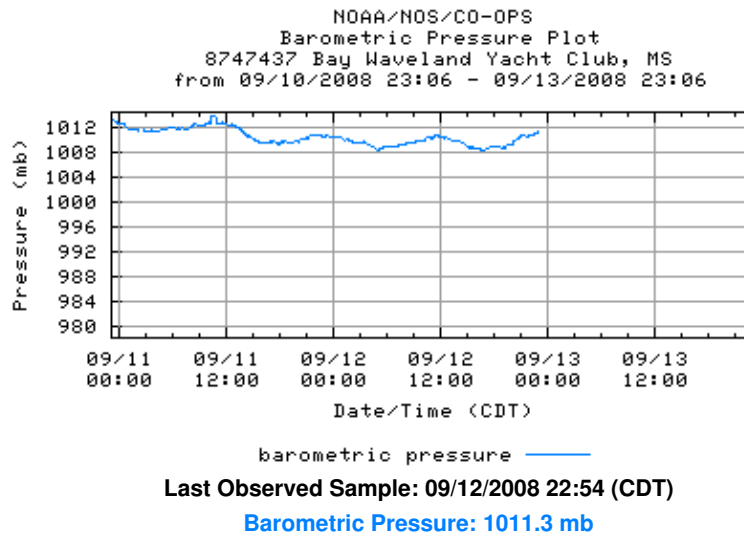
Relative to **MLLW**: **Observed: 4.61 ft.** **Predicted: 0.49 ft.** **Residual: 4.12 ft.**

Historical Maximum Water Level: 10/28/1985, 5.05 ft. above **MHHW**

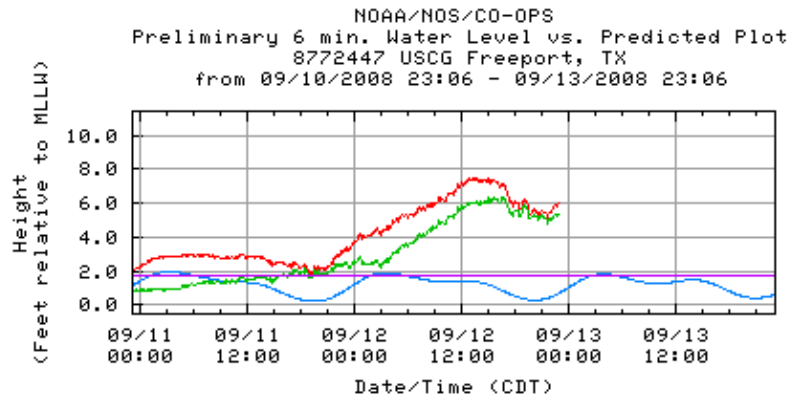
**Bay Waveland Yacht Club, MS - Station Map** [Return to List](#)



**Bay Waveland Yacht Club, MS - Station Map** [Return to List](#)



**USCG Freeport, TX - Station Map** [Return to List](#)

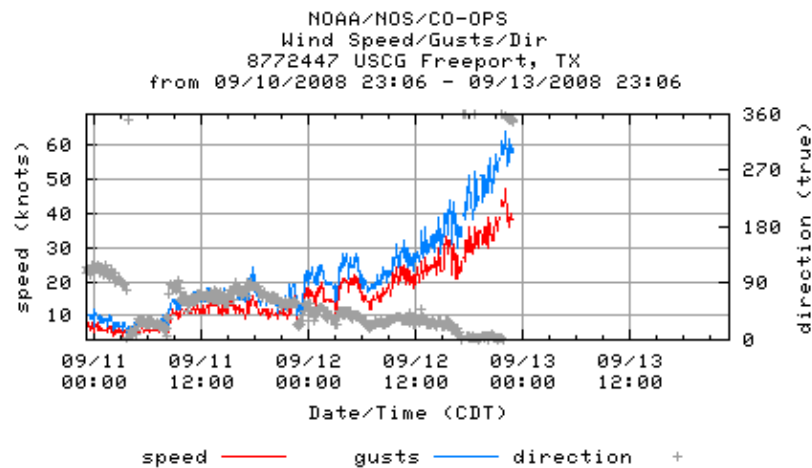


Last Observed Sample: 09/12/2008 22:54 (CDT)

Relative to **MLLW**: **Observed: 6.05 ft. Predicted: 0.69 ft. Residual: 5.36 ft.**

Historical Maximum Water Level: n/a

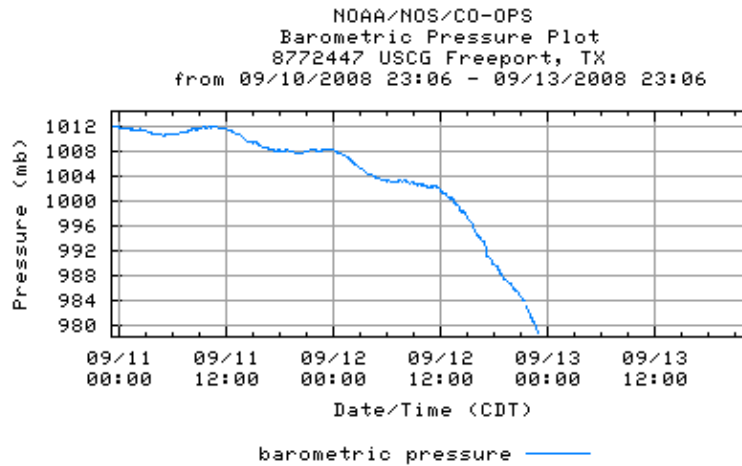
**USCG Freeport, TX - Station Map** [Return to List](#)



Last Observed Sample: 09/12/2008 22:54 (CDT)

**Wind Speed: 38 knots Gusts: 58 knots Direction: 348° T**

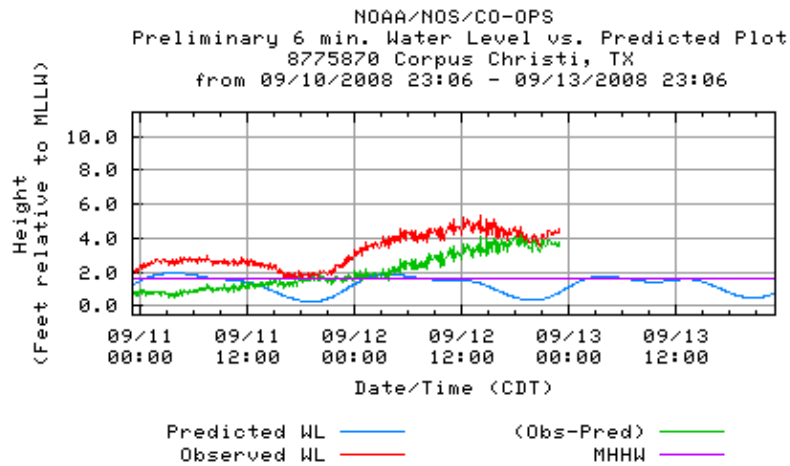
**USCG Freeport, TX - Station Map** [Return to List](#)



Last Observed Sample: 09/12/2008 22:54 (CDT)

Barometric Pressure: 978.8 mb

**Corpus Christi, TX - Station Map** [Return to List](#)

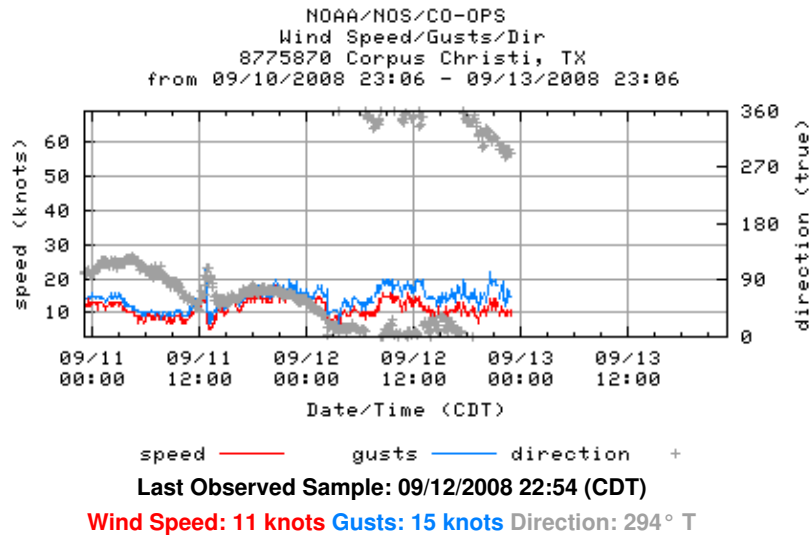


Last Observed Sample: 09/12/2008 22:54 (CDT)

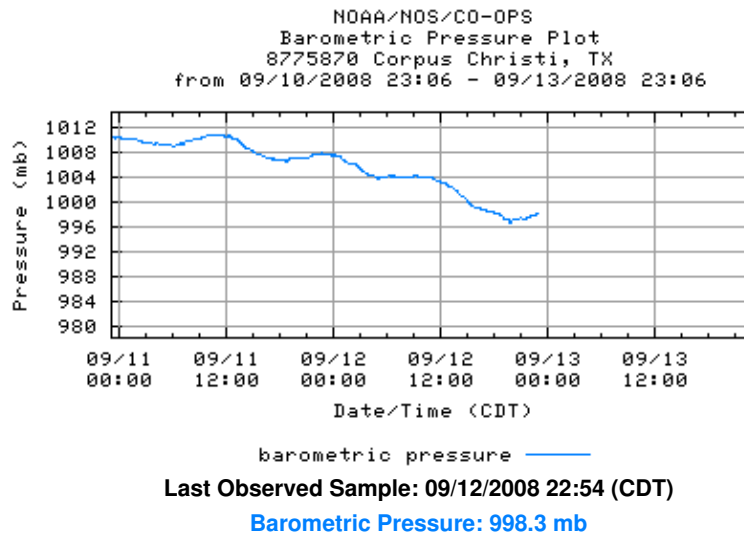
Relative to **MLLW**: Observed: 4.52 ft. Predicted: 0.79 ft. Residual: 3.73 ft.

Historical Maximum Water Level: 09/10/1998, 3.33 ft. above **MHHW**

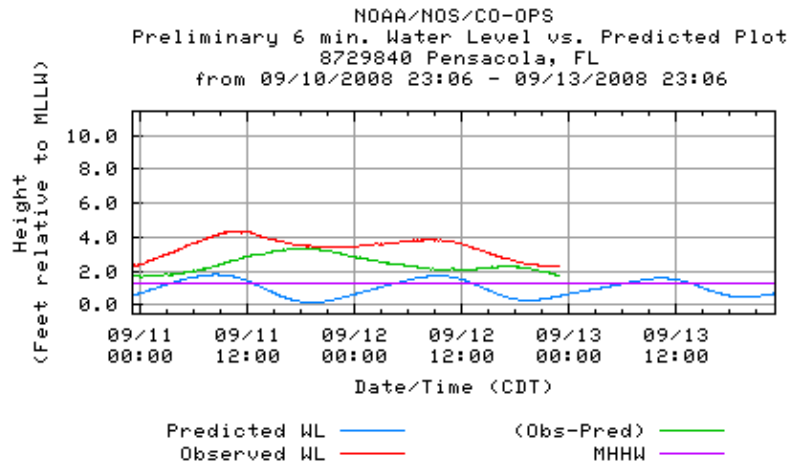
**Corpus Christi, TX - Station Map** [Return to List](#)



**Corpus Christi, TX - Station Map** [Return to List](#)



**Pensacola, FL - Station Map** [Return to List](#)



Last Observed Sample: 09/12/2008 22:48 (CDT)

Relative to **MLLW**: **Observed: 2.27 ft.** **Predicted: 0.51 ft.** **Residual: 1.76 ft.**

**Historical Maximum Water Level: 09/18/1926, 7.41 ft. above MHHW**

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce